

U.S. Department of Commerce Patent and Trademark Office LIST OF INFORMATION CITED BY APPLICANT (Use several sheets if necessary)		Atty. Docket No. 4453		Serial No. 09/269,860				
		Applicant Ankenbauer <i>et al.</i>						
		Filing Date April 1, 1999		Group 1652				
U.S. PATENT DOCUMENTS								
* EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
RH	AA	4,683,195	07/28/87	Mullis <i>et al.</i>	435	6	02/07/86	
	AB	4,683,202	07/28/87	Mullis	435	91	10/25/85	
	AC	4,800,159	01/24/89	Mullis <i>et al.</i>	435	172.3	12/17/86	
	AD	4,889,818	12/26/89	Gelfand <i>et al.</i>	435	194	06/17/87	
	AE	5,322,785	06/21/94	Comb <i>et al.</i>	435	194	04/17/91	
	AF	5,352,778	10/04/94	Comb <i>et al.</i>	435 536	23.2	12/15/93	
RH	AG	5,436,149	07/25/95	Barnes	435	194	02/19/93	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
RH	AH	0 200 362 B1	01/20/93	EP	-	-		
	AI	0 201 184 B1	12/16/92	EP	-	-		
	AJ	0 258 017 B1	06/04/97	EP	-	-		
	AK	0 455 430 A2	11/06/91	EP	-	-		
	AL	0 546 920 B1	03/19/97	EP	-	-		
	AM	0 547 920 A2	06/23/93	EP	-	-		
	AN	0 693 078 B1	06/23/99	EP	-	-		
RH	AO	WO 94/26766	11/24/94	PCT	-	-		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
RH	AP	Balch <i>et al.</i> , "Methanogens: Reevaluation of a Unique Biological Group", <i>Microbiological Reviews</i> , 1979, 43: 260-296.						
RH	AQ	Bernad <i>et al.</i> , "A Conserved 3'-5' Exonuclease Active Site in Prokaryotic and Eukaryotic DNA Polymerases", <i>Cell</i> , 1989, 59: 219-228.						

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RH	AR	Bessman <i>et al.</i> , "Enzymatic Synthesis of Deoxyribonucleic Acid", <i>Journal of Biological Chemistry</i> , 1957, 233: 171-177.
RH	AS	Braithwaite and Ito, "Compilation, alignment, and phylogenetic relationships of DNA Polymerases", <i>Nucleic Acids Research</i> , 1993, 21: 787-802.
RH	AT	Brinkmann <i>et al.</i> , "High-level expression of recombinant genes in <i>Escherichia coli</i> is dependent on the availability of the <i>dnaY</i> gene product", <i>Gene</i> , 1989, 85: 109-114.
	AU	Buttin and Kornberg, "Enzymatic Synthesis of Deoxyribonucleic Acid", <i>Journal of Biological Chemistry</i> , 1966, 241: 5419-5427.
	AV	Cariello <i>et al.</i> , "Fidelity of <i>Thermococcus litoralis</i> DNA polymerase (Vent™) in PCR determined by denaturing gradient gel electrophoresis", <i>Nucleic Acids Research</i> , 1991, 19: 4193-4198.
	AW	Chien <i>et al.</i> , "Deoxyribonucleic Acid Polymerase from the Extreme Thermophile <i>Thermus aquaticus</i> ", <i>Journal of Bacteriology</i> , 1976, 127: 1550-1557.
	AX	Flaman <i>et al.</i> , "A rapid PCR fidelity assay", <i>Nucleic Acids Research</i> , 1994, 22: 3259-3260.
	AY	Frey and Suppmann, "Demonstration of the Expand™ PCR System's Greater Fidelity and Higher Yields with a <i>lacI</i> -based PCR Fidelity Assay", <i>Biochemica</i> , 1995, 2: 8-9.
	AZ	Frey and Suppmann, "Demonstration of the Expand™ PCR System's Greater Fidelity and Higher Yields with a <i>lacI</i> -based PCR Fidelity Assay", <i>Biochemica Information</i> , Nr. 96, 1995, pp. 21-23.
	BA	Höltke <i>et al.</i> , "Sensitive Chemiluminescent Detection of Digoxigenin-Labeled Nucleic Acids: A Fast and Simple Protocol and Its Applications", <i>Biotechniques</i> , 1992, 12: 104-113.
	BB	Keohavong and Thilly, "Fidelity of DNA polymerases in DNA amplification", <i>Proceedings of National Academy of Science USA</i> , 1989, 86: 9253-9257.
	BC	Lawyer <i>et al.</i> , "Isolation, Characterization and Expression in <i>Escherichia coli</i> of the DNA Polymerase Gene from <i>Thermus aquaticus</i> " <i>The Journal of Biological Chemistry</i> , 1989, 264: 6427-6437.
	BD	Lehman <i>et al.</i> , "Enzymatic Synthesis of Deoxyribonucleic Acid", <i>The Journal of Biological Chemistry</i> , 1958, 233: 163-170.
RH	BE	Ling <i>et al.</i> , "Optimization of the Polymerase Chain Reaction with Regard to Fidelity: Modified T7, <i>Taq</i> , and Vent DNA Polymerases", <i>PCR Methods and Applications</i> , 1991, 1: 63-69.

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RI	BF	Lundberg <i>et al.</i> , "High-fidelity amplification using a thermostable DNA polymerase isolated from <i>Pyrococcus furiosus</i> ", <i>Gene</i> , 1991, 108: 1-6.
	BG	Mattila <i>et al.</i> , "Fidelity of DNA synthesis by the <i>Thermococcus litoralis</i> DNA polymerase --an extremely heat stable enzyme with proofreading activity", <i>Nucleic Acids Research</i> , 1991, 19: 4967-4973.
	BH	Ochman <i>et al.</i> , "Amplification of Flanking Sequences by Inverse PCR", <u>PCR Protocols: A Guide to Methods and Applications</u> , 1990, pp. 219-227.
	BI	Provost <i>et al.</i> , "Transgenic systems for in vivo mutation analysis", <i>Mutation Research</i> , 1993, 288: 133-149.
	BJ	Raleigh <i>et al.</i> , "McrA and McrB restriction phenotypes of some <i>E. coli</i> strains and implications for gene cloning", <i>Nucleic Acids Research</i> , 1988, 16: 1563-1575.
	BK	Rosenberg <i>et al.</i> , "Vectors for selective expression of cloned DNAs by T7 RNA polymerase", <i>Gene</i> , 1987, 56: 125-135.
	BL	Spanos and Hübscher, "Recovery of Functional Proteins in Sodium Dodecyl Sulfate Gels", <i>Methods in Enzymology</i> , 1983, 91: 263-277.
RI	BM	Studier <i>et al.</i> , "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <i>Methods in Enzymology</i> , 1990, 185: 60-89.

EXAMINER

Richard [Signature]

DATE CONSIDERED

6/1/01

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.